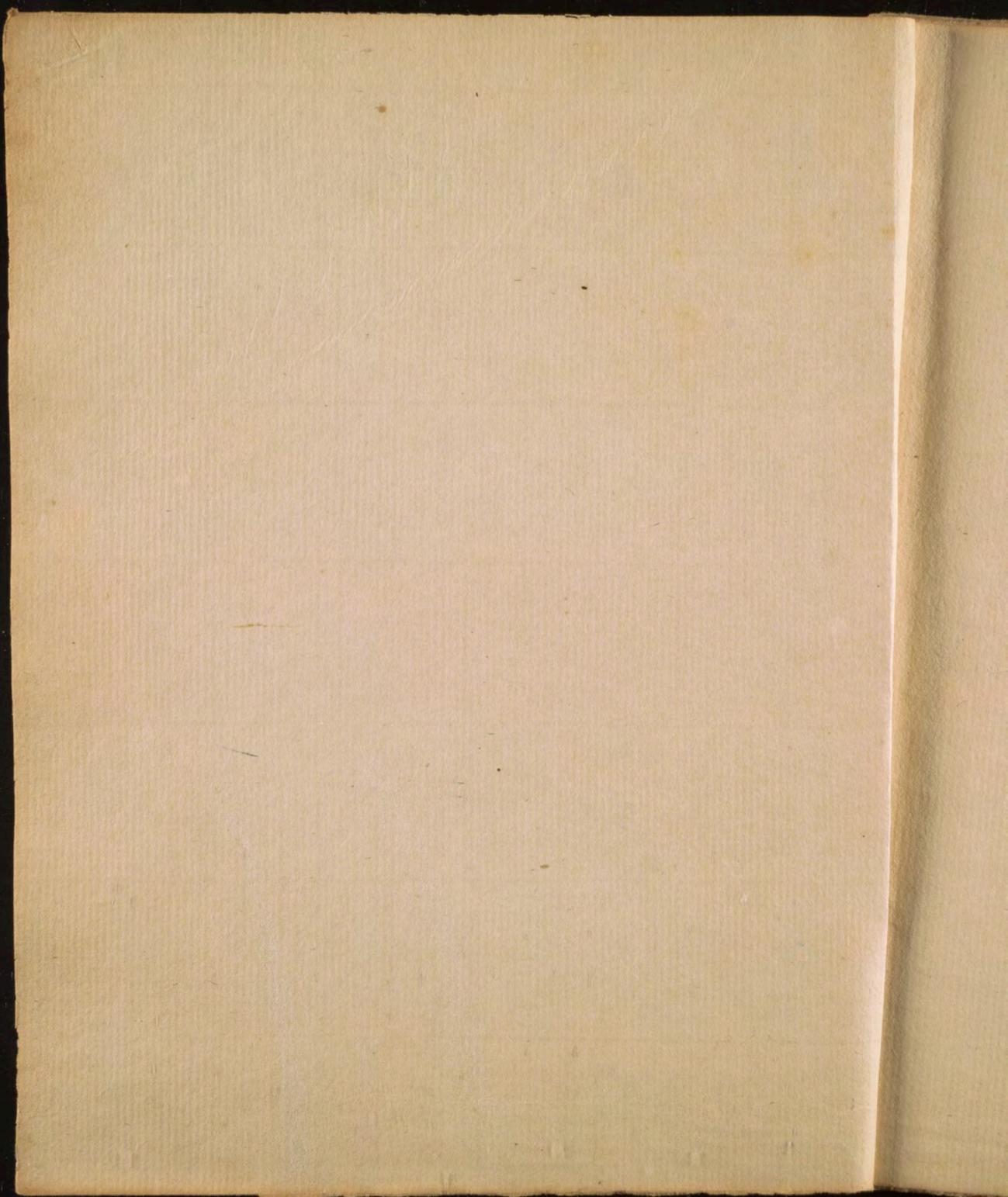
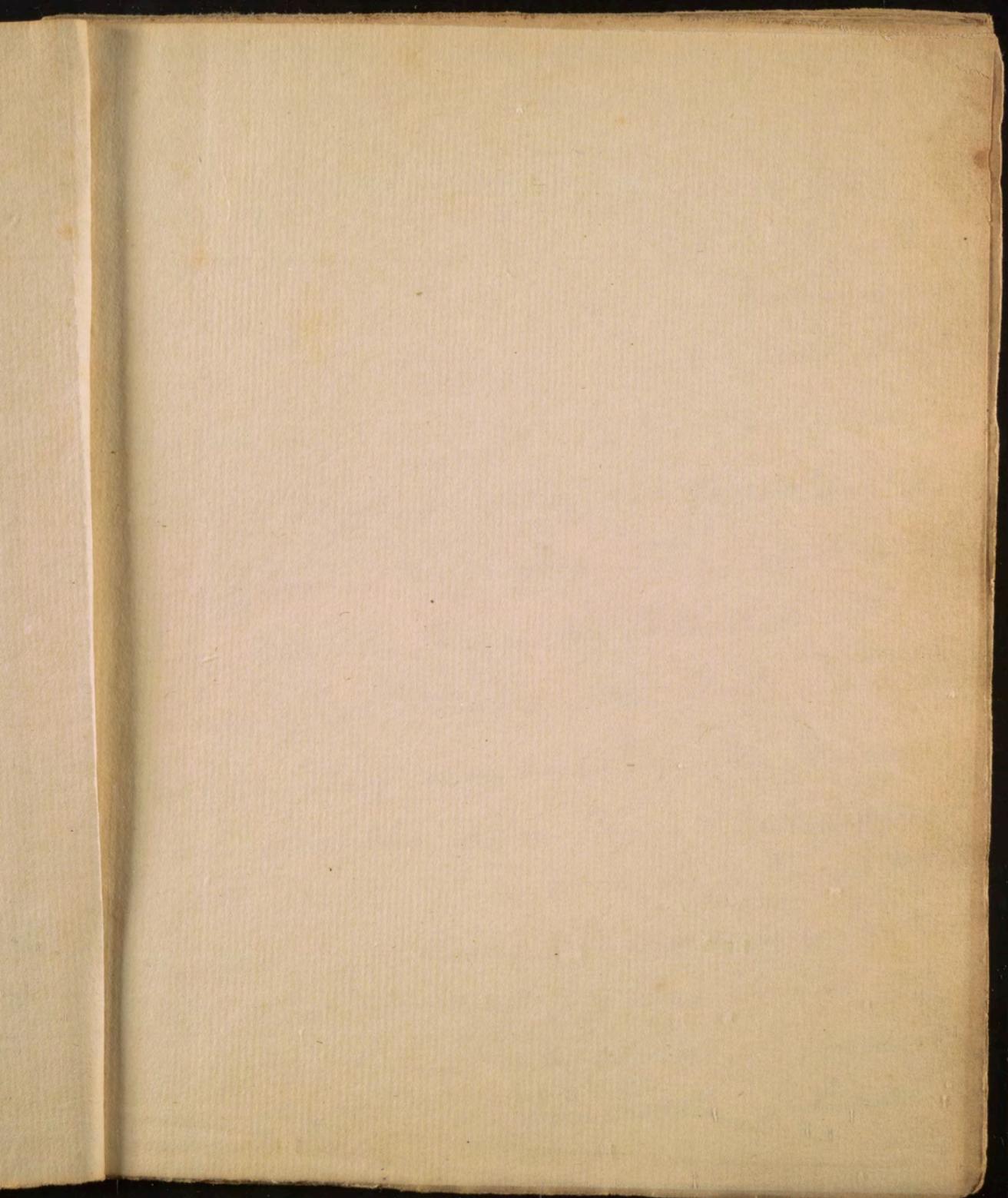


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Diarrhea

This disease consists ⁱⁿ of frequent stools dis- charged with or without pain, & sometimes with a burning sensation in the bowels, & return, especially upon going to stool, but seldom with any fever. The discharges are ^{is} of a Dark, or green or clay color. The two former arise from the mixture of bile with the stools, - the latter from the absence of bile. When the stools are ^{white} ~~of the~~ ^{2nd by} of a clay color or white, the disease has been called the Celiac flux. I have supposed this white humor to be Chyle, & derived from the liver. ^{2nd by} Sometimes mucus only is dischar- ged from the bowels. Of this form of Diarrhea I have seen several instances. They generally end in death. I have

✓ but it is sometimes absorbed from
abscusses in other parts and conveyed out
of the organs by means of diarrhoea.

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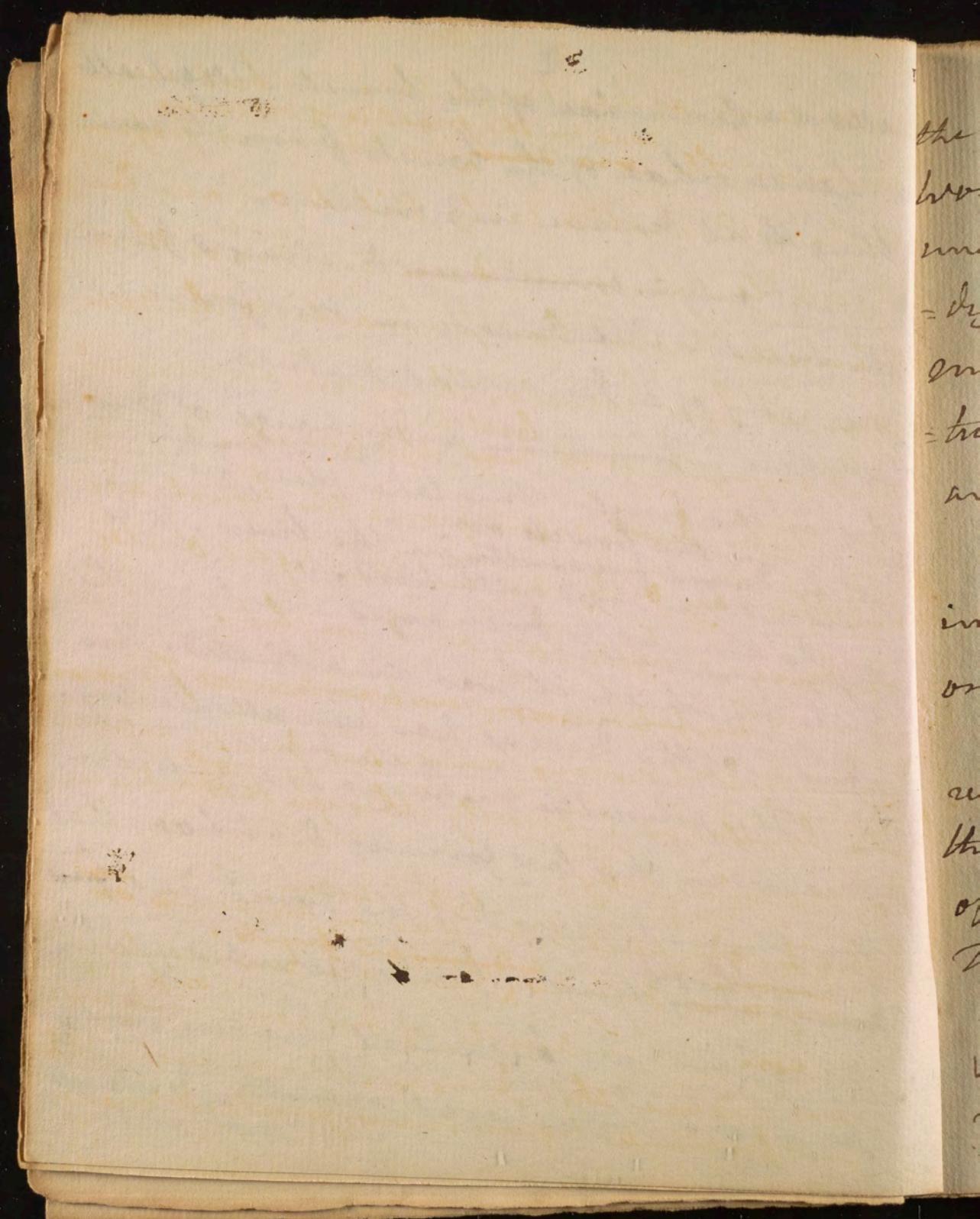
called it a Gonorrhœa of the bowels. Vogel calls a Leucorrhœa of the bowels from its resembling that disease in women.

3 Water only is sometimes discharged from the bowels. This disease in this form is generally of a transient nature

4 There is sometimes a discharge of pus from the bowels. This takes place ^{most commonly} in the bowels or when most frequently in the liver. It is now and then tinged with blood; V

5 The Abiament is discharged nearly in the state in which it was evacuated. This form of the disease has been called Lientery.

The peristaltic motion ^{of the bowels} is so much increased in this last form of Diarrœa, that the Abiament passes thro' the bowels in a ^a very short time. Jones attended a woman in labour an inginal rupture mortified, and who for several months discharged not only



the contents of her bowels thro' it, but even
worms. She ^{was in the practice of observing} ~~was~~ the aliment pass in
unchanged particularly pickle or any in-
digestible substance ~~so~~ in two or three
minutes from her stomach to the open-
ture in her bowels. This woman recovered,
and enjoyed good ^{health} afterwards.

The discharges from the bowels are
in the day only, or in the night only,
or during both day and night.

~~That following permission~~ ^{and} its cause
remote & exciting causes act directly upon
the bowels, or indirectly through the medium
of the whole ^{or} body.

That are acid bile, chyle, certain
^{actions} ^{and} acids ^{and} aliments ^{and}
accompan't ^{and} drinks ^{and} fruits ^{and} fruits.
whether some article of diet, or drink will
not induce this disease. Some or aescant, be
half fermented liquors, wine & spirits, & many

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- 1 kinds of water often ⁴ induce it.
- 2 Drastic purges. I have several times known a distressing Diarrhea brought on by an active dose of purging physic.
- 3 Worms. These often induce it in children.

4 The indirect causes of Diarrhea are

- 1 Cold and damp weather inducing obstruction of perspiration.
- 2 Humid miasmatic exhalations particularly from the privies. I have several times known it pervade a whole family from this cause.

3 Protracted heat ~~and~~ especially where attended with cool nights. It is produced chiefly by this cause in Egypt, in the East and West Indies, and in warm ~~and~~ weather in our own Country. In the Southern States where it has received the name of a downward consumption, it is often a fatal disease.

4 The Gout often fixes upon the bowels,

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and produces a distressing Chronic diarrhoea.

5 A dysentery sometimes passes into a diarrhoea.

6 It is now and then produced by pregnancy, also

7 by the Conflict which takes place in the System between the Veins and Arteries about middle life.

The Duration of this Disease is from four or five days to fifteen and twenty years. I have known two instances in which it continued for those periods without shortening life. One of the Subjects of that protracted diarrhoea lived to be 78, and died of the puerperies of old age. It is remarkable further, that it often continues for years with impairing the appetite, or being attended with a diminution of fat. I have

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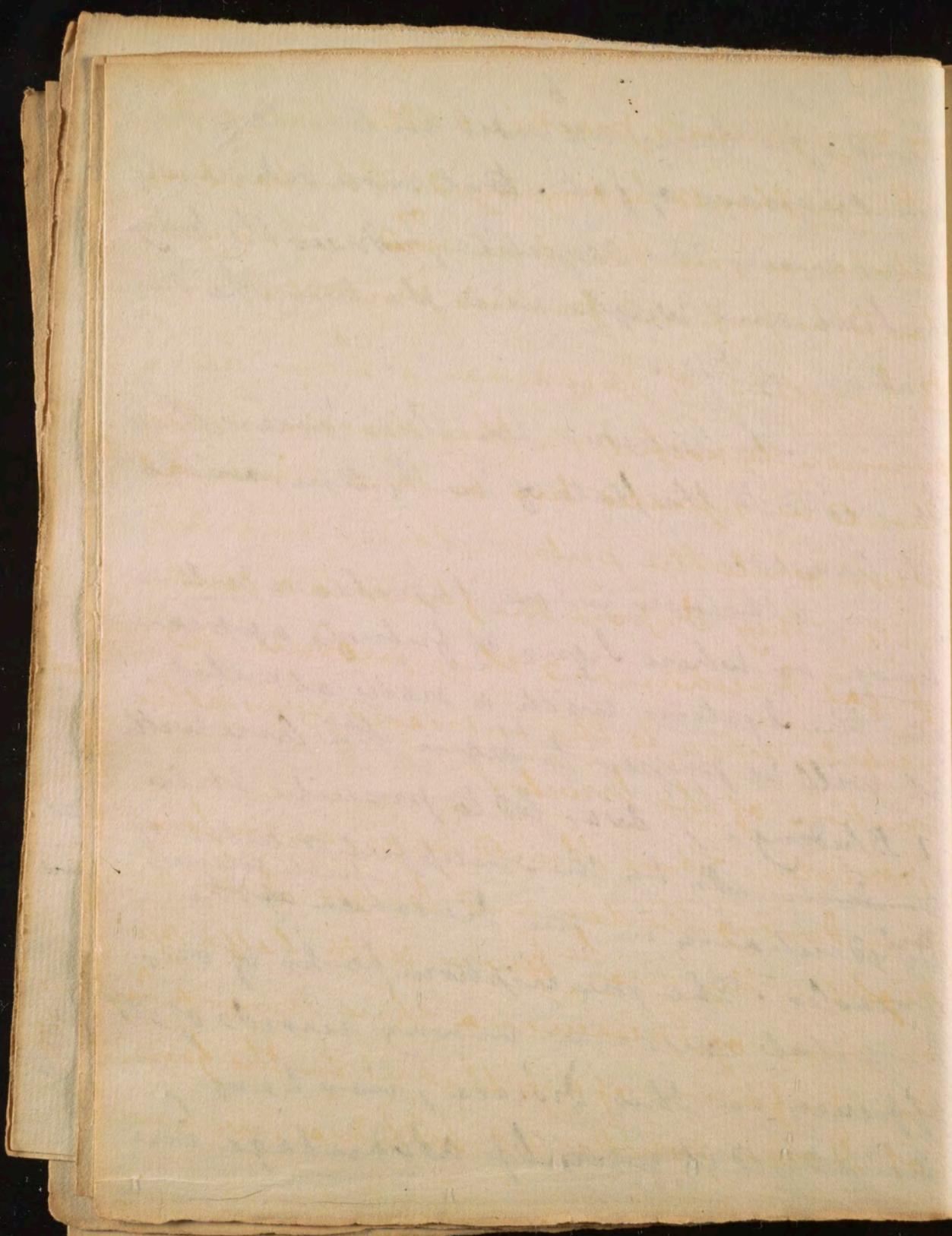
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had upto being attended in One Case with
an increase of fat. But more ordinarily
it impairs the appetite, reduces the body
in size and weight and shortens the du-
ration of life.

The Remedies for this Disease should
be suited to the State of the System, and to
its Causes.

In all cases where the pulse is full or
tense, or where Signs of putrefaction appear
in the System with a natural pulse,
it will be proper to begin the cure with
1 Bleding. I was led to prescribe this
medicinal by the successful practice of
Dr Hydenham in the diarrhoea ^{which follows} of the
measles. The prescription books of our
hospital contain many records of its
efficacy in this disease, nor have I
employed it with less advantage in



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in my private practice. After bleeding,
2 Purges should be employed. Rhubarb in
Substance, in Tincture ^{or} and in Syrup
should be preferred for this purpose.

3 Emetics of Ipecacuanha have been
eminently useful in this disease. They
should be repeated two or three times a
week while the pulse retains any acti-
vity. They dispose the fluids to a centri-
fugal direction, and they produce a
counteraction to the increased peristaltic
motion of the bowels.

4 Laxatives. These should be given in small
doses during the day and larger ones at
night. They may ^{be} given with half a gr.
or more of Ipecacuanha three times a day
in the form of a pill, and in the form
of Dover's powder at bedtime. we have

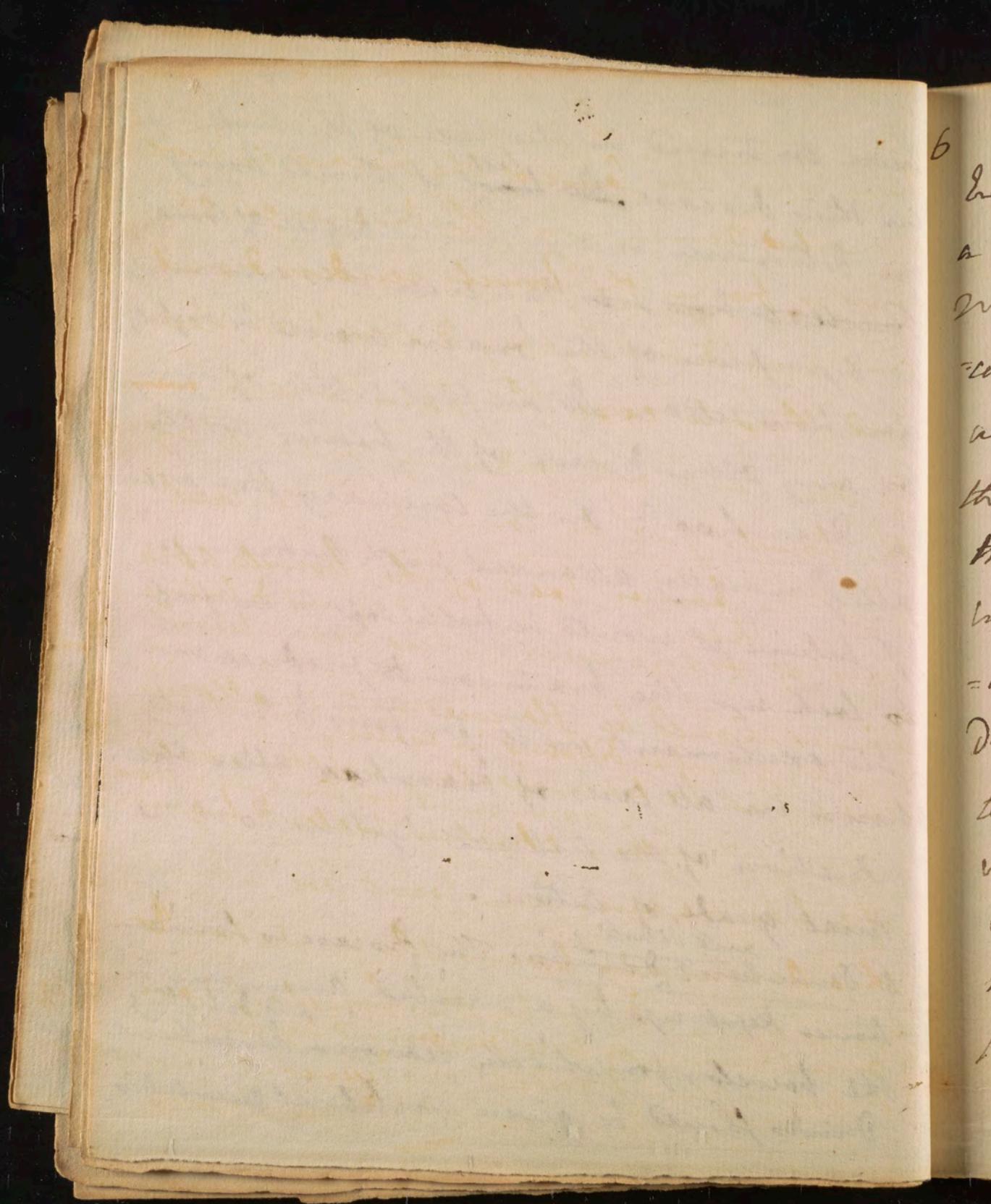
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been too timid in the use of this medicine in this disease, ~~so that~~ it should bring on delirium or an undue degree of Conv.

~~Reckless how to~~ But even this excitement or depression of the brain would be useful, for how seldom do we find either of them, or any other disease of the brain with a Diarrhoea? On the contrary they are all generally attended with Constipation. I believe it would be both safe & useful to knock up the brain, or to produce morbid excitement in it for four & twenty hours in all cases of diarrhoea after the reduction of the Arterial System to its natural grade of action.

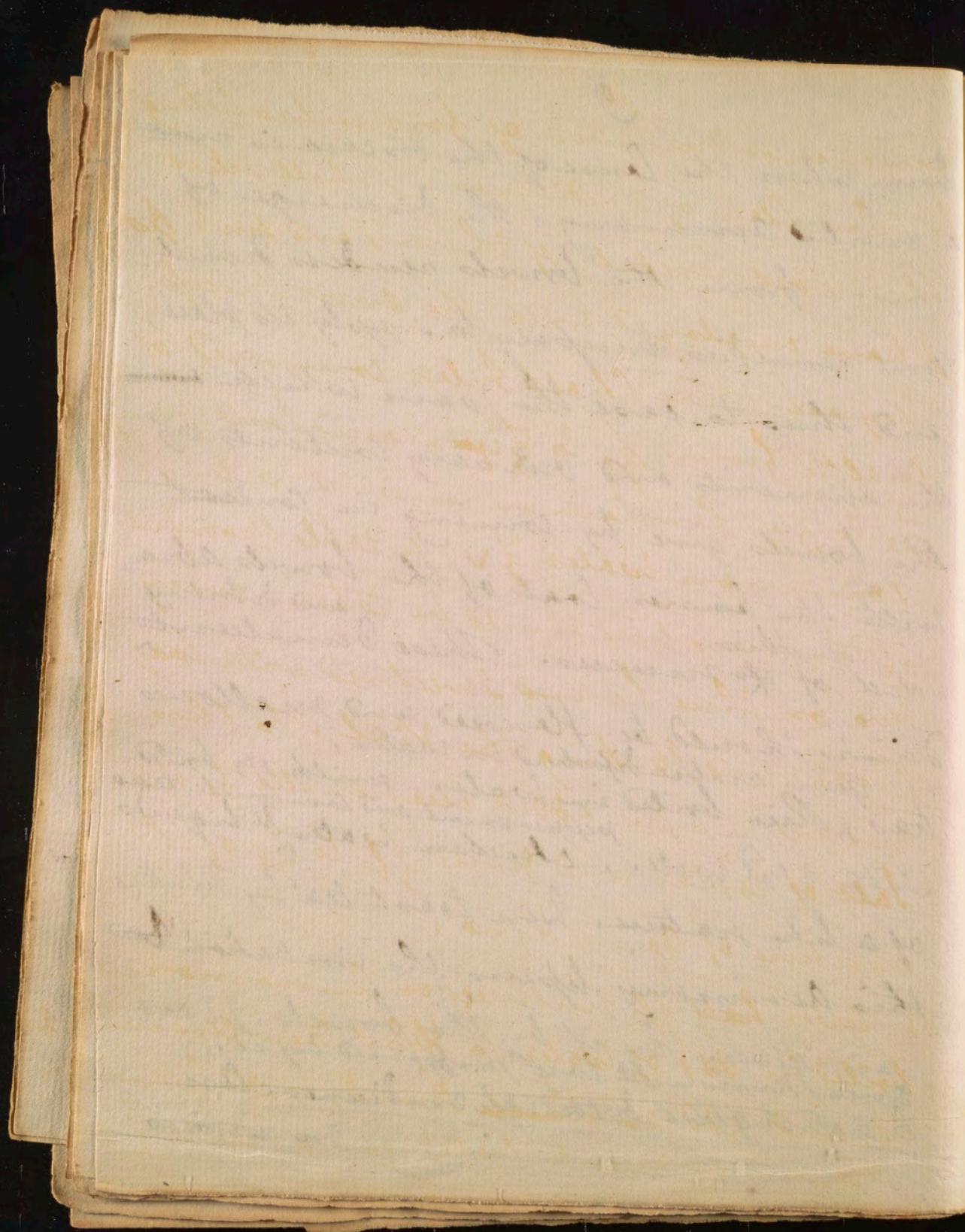
5 ^{and Diluting} Temulent Drunks. The disease is sometimes kept up by a morbid desire ^{and Diluting} in the bowels, for which reason a ^{and Diluting} Temulent Drunks should be given in liberal quantities.



Even when the cause of the disease is not a morbid Acrimony, the discharge of mucus from the bowels renders decent-
ent remedies necessary to supply its place,
and thus to ease the pain which ~~the~~
the alimenta and ordinary contents of
the bowels give by coming in contact
with the inner coat of the bowels abra-
-ded of ^{this} mucus. These demulcent

Drinks should be flaxseed and mallows
gum arabic dissolved in water,
teas & Rice boiled in water, with $\frac{1}{3}$ boiled
peppermint and camomile teas
with $\frac{2}{3}$ water, chicken water, & liquids
of a like nature. Even toast tea by diluting
this Acrimony lessens the irritation &
pain given by it by the bowels. I have
done known a cure performed by it.
6. Astringent & cordial medicines. An

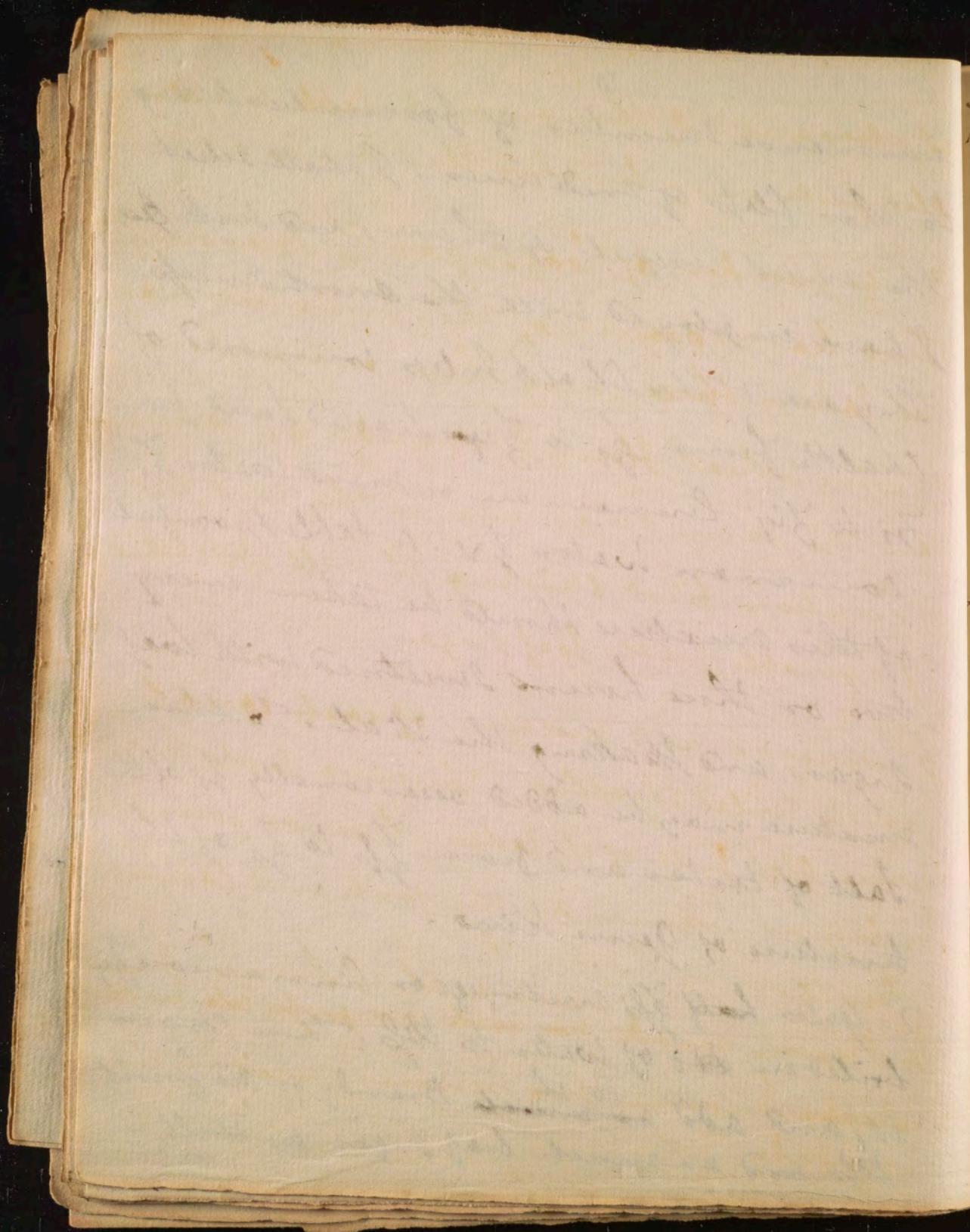
Dr. W. W. W.



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immense number of formulas belong
to this class of medicines. I shall select
the most useful of them, and such as
I have employed with the most success.
They are, 1. The Chalk Julep composed of
Chalk from Zi to $\frac{1}{2}$ sp. liquid Lard: from
Zi to $\frac{1}{2}$ sp. Cinnamon or mint water Zi
Common water $\frac{1}{2}$ v. a table spoonful
of this mixture should be taken every
two or three hours sweetened with loaf
sugar, and shaking the Vial. To this
mixture may be added occasionally Zi of the
Salt of Tartar and from $\frac{1}{2}$ sp to Zi of the
Tincture of Gum Kind.

2. Galls half $\frac{1}{2}$ sp. Sardines or Cinnamon $\frac{1}{2}$ sp.
boiled in Zi of water to $\frac{1}{2}$ sp. Then strain
it, and add to it $\frac{1}{2}$ sp. Brandy or Old Spirit
 $\frac{1}{2}$ sp and as much loaf sugar as will
make



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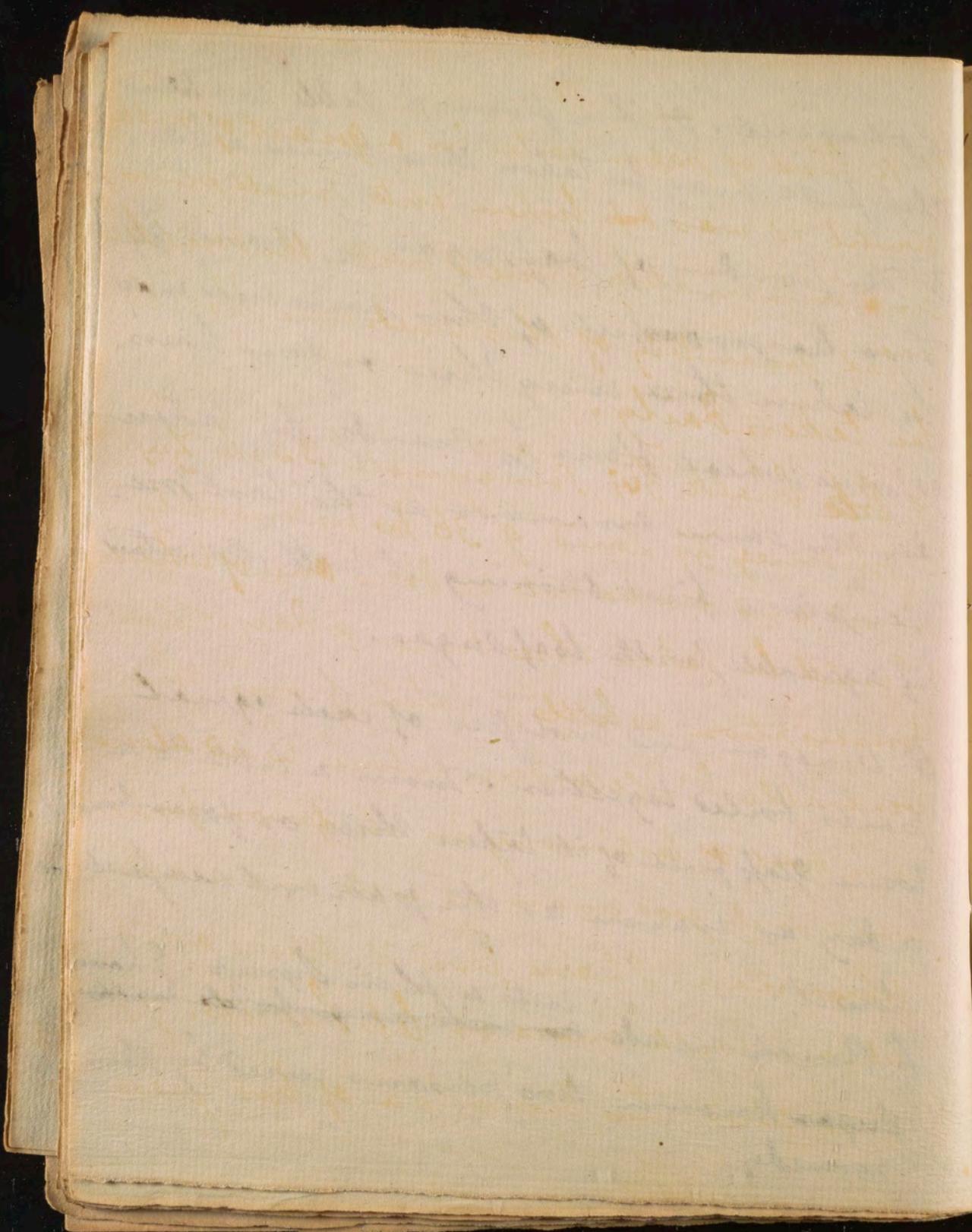
it pleasant. Of this from a table to a wine
glass full may be taken three times a day.

3 The powder of loaf sugar $\frac{1}{2}$ Brandy $\frac{1}{2}$ ij
Two tea spoonfuls of this mixture may
be taken three or four times a day.

4 Fine wheat flour $\frac{1}{2}$ Brandy $\frac{1}{2}$ ij taken
in the same manner as the last pre-
scription first stirring it well, & sweetened
if agreeable, with loaf sugar.

5 Vinegar and molasses of each equal
parts boiled together. From a table to a
wine glass full of it taken three or four times
a day as warm as the patient can bear
- tol it.

6 Punch made ^{into a thin Syrup.} ~~as rich as possible with~~
~~sugar~~ known two persons cured by this
remedy.



18 7 a sheet of paper boiled in a quart of milk until it was ~~dry~~ broken into small pieces and intimately mixed with the milk. That quantity of this medicine should be taken daily.

8 ~~one~~ chalk $\frac{3}{4}$ Pomegranate Bark $\frac{3}{4}$ y. Nutmeg $\frac{1}{4}$ Lard: gth 36 ~~to~~ intimately mixed and divided into 12 doses one of which should be taken three times a day. This prescription ~~so little~~ is taken from the venerable Dr. Heberden whose word alone is a host of testimony in its favor for he was a truly good man as well as an able physician. I have used it often, and always with more or less success. It once cured this diarrhea of two years

12 ✓ The inner Bark of White pine
made into a poultice. When sweetened
it tastes as well as looks like chocolate.
It is an Indian Remedy. Dr James of
Mass.

contagiousness in a patient of mine from
the West Indies.

The powder and
the infusions of Tormentil root & pomegranate
bark, in water, spirit or wine, also the ex-
tract of the Persimmon of our Country.

10 white Vitriol in doses from 2 to 6 grains
two or three times a day.

^{Two thirds}
11 Wax melted with one third ^{of} tar made
into pills, of which two or three should be
taken three times a day. The wax may be
taken dissolved in milk by means of the
white of an egg. — I have done good
with this medicine after all the common
formulas had been given to no purpose.

12 Mutton meat ~~to~~ boiled in milk with
a little starch & a few sugars in the
proportions mentioned formerly in

by
V^{II} & 3rd y: All these astringent, cordial
demulcent and diaphoretic remedies should
be assisted by Glysters. These should be
composed of Infusions of Galls, chalk &
water, Starch boiled in water, milk,
peppermint & Camomile tea. ~~for~~ ^{The} quantity
injected of each should not
exceed $\frac{1}{2}$ pint lest the bowels should be
irritated ~~by~~ ^{to} discharge it by the ~~themselves~~
of distention, and from one to two
teaspoonful of Laudanum should
be added to each of them. Dr Clark advises
a few grains of tartar eremic dissolved
in water to be injected into the bowels in
order to excite a new action in them.
I have never ~~but~~ ^{prescribed} given this medicine,
but I have often advised from $\frac{1}{2}$ to $\frac{1}{4}$
of Ipuacuma mixed with $\frac{1}{2}$ pint of water
and a teaspoonful of Laudanum to be given
as an injection with great advantage.

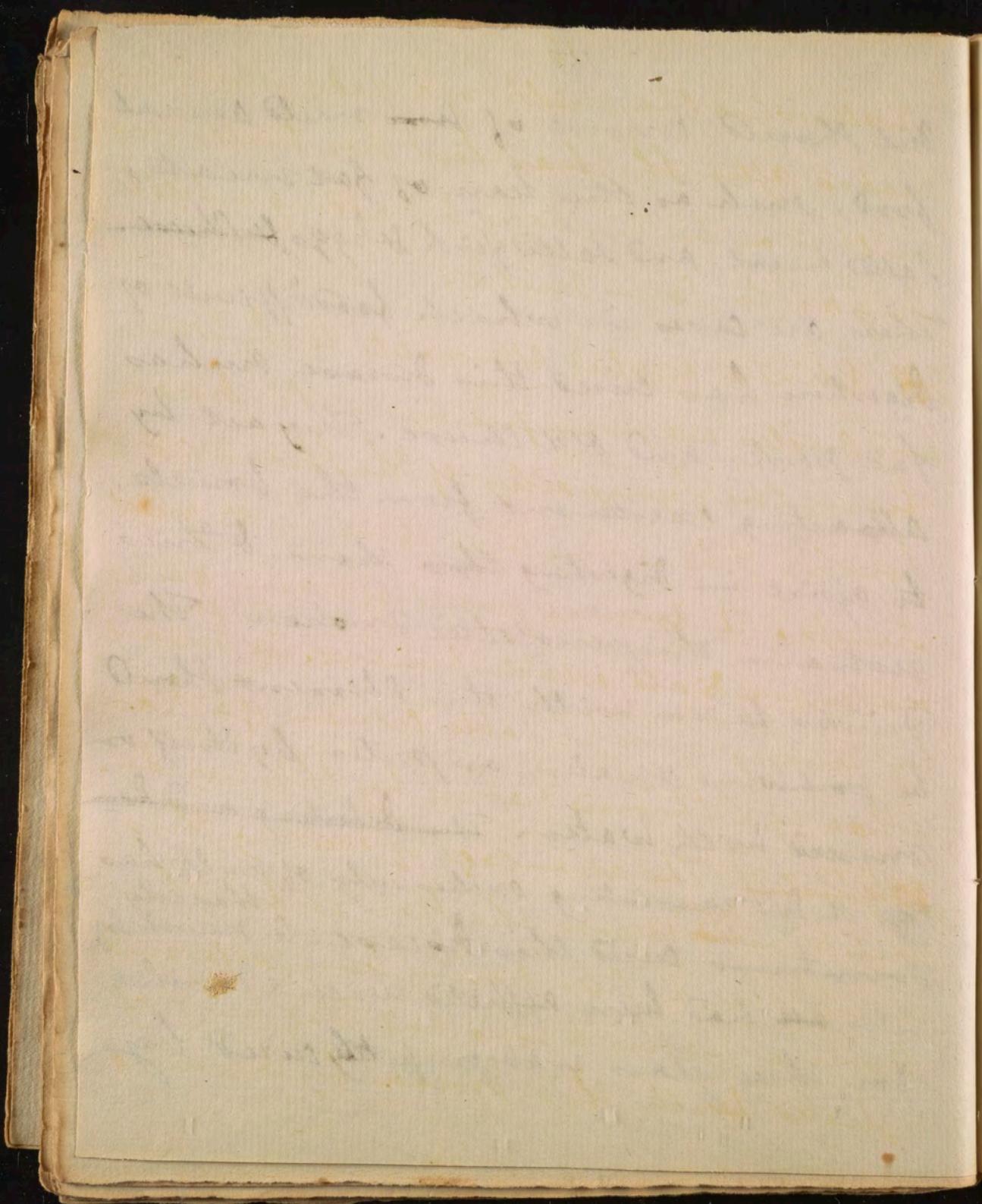
treating upon the Dispensary. —

✓ 8 Diet and Drinks regulated by the state of the System. If the Stools be dark coloured, the food should consist of Rice in all the usual forms of preparing it, boiled with, a gruel made of flour tied up in a rag, and boiled for four or five hours, a new root boiled with Cinnamon, toasted bread, boiled and afterwards toasted pastas and biscuit. It is common to forbid summer fruits in this disease, but we have several cases upon record of its having been cured by Strawberries and black berries. The more succent fruits should be avoided.

If the stools be green, and if ^{emit} ~~contain~~ a sour Odor, or if the Stomach be affected with Avidity, or flatulency, the

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dit should consist of some mild animal food, such as the lean of fat meat, salted meat, and salted fish & eggs. ~~& cheese~~
 There are cases in which food difficult of digestion has cured this disease such as fat pork, and old cheese. They act by attracting excitement from the bowels, to assist in digesting ^{encreased} them, & thus restrain their peristaltic motion. The drinks taken with this aliment should be port-wine & water, or porter by itself or mixed with water. ~~The dieting and de-~~
~~②~~ a diet consisting exclusively of milk has sometimes cured this disease. A ^{this city} nurse in who ~~as~~ had been afflicted with a diarrhoea for three years was perfectly cured by



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Swallowing the milk of a lady whom she
suckled after she has lost her Child. This
milk may be imitated by adding a little
Sugar to Cow's milk.

~~18.~~ Blisters applied alternately to the Wrists
and Ankles act powerful upon this Disease
from the Sympathy of the Skin with the
bowels. I have employed them with great
success, a former pupil of mine gained
an immediate establishment ^{in Virginia} in business
by curing a respectable citizen of a dia-
rhea of a chronic nature by this remedy.

~~19.~~ Blisters The advantage of exciting this
contraction upon the Skin is further
evinced by a cure having been performed
upon a patient who had long been af-
flicted with this Disease by burning

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his fort, and ^{by} ¹⁷ the case formerly mentioned from Dr Darrow of ~~too~~ a patient in the Infirmary of Edin^r being cured by being severely flagellated with a stick by a person with whom he had quarrelled.

10 The warm Bath. Dr Filton employed this remedy with great success in the Chronic Disease which prevailed in the American Army during the revolutionary war.

11 The cold Bath. This remedy ~~was~~ cured the Rev^d Dr Irving formerly Provost of the University of Pennsylvania, after all the usual remedies had been employed in his case to no purpose. Both the warm & cold bath act like blisters by exciting the action of the rapid vessels of the skin.

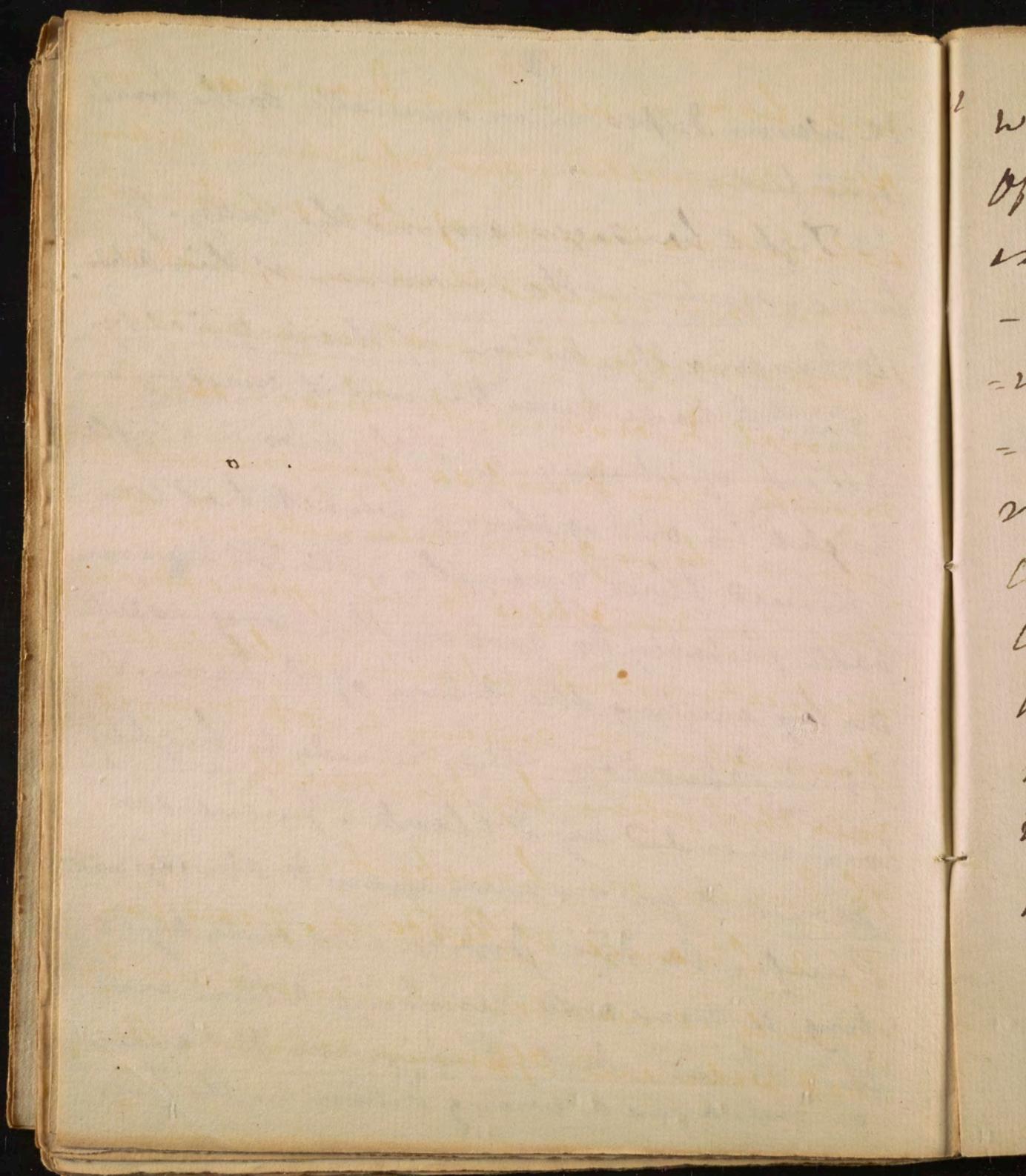
V. What would be the effect of exciting an action in the blood vessels of the brain by means of strong drink so as induce a moderate degree of intoxication? It would probably act in the same way as Opium.

12 Warm drups, more especially to the bowels and feet.

13 Tight bandages around the belly. I before mentioned the manner of their action.

14 Exiting the Action of the Arterial system. I have twice known it cured by an attack of phissey, and that too in a single night in one of them which had continued three months. The cold & warm baths probably do good in this way, as well as by exiting the action of the skin. V

15 A Labiator. This remedy is highly commended by Dr Clark. I have employed it for many years & always with success. It does service not only by exciting a new and unulsive action in the throat, but it removes obstructions, or restrains a wrong action in the liver

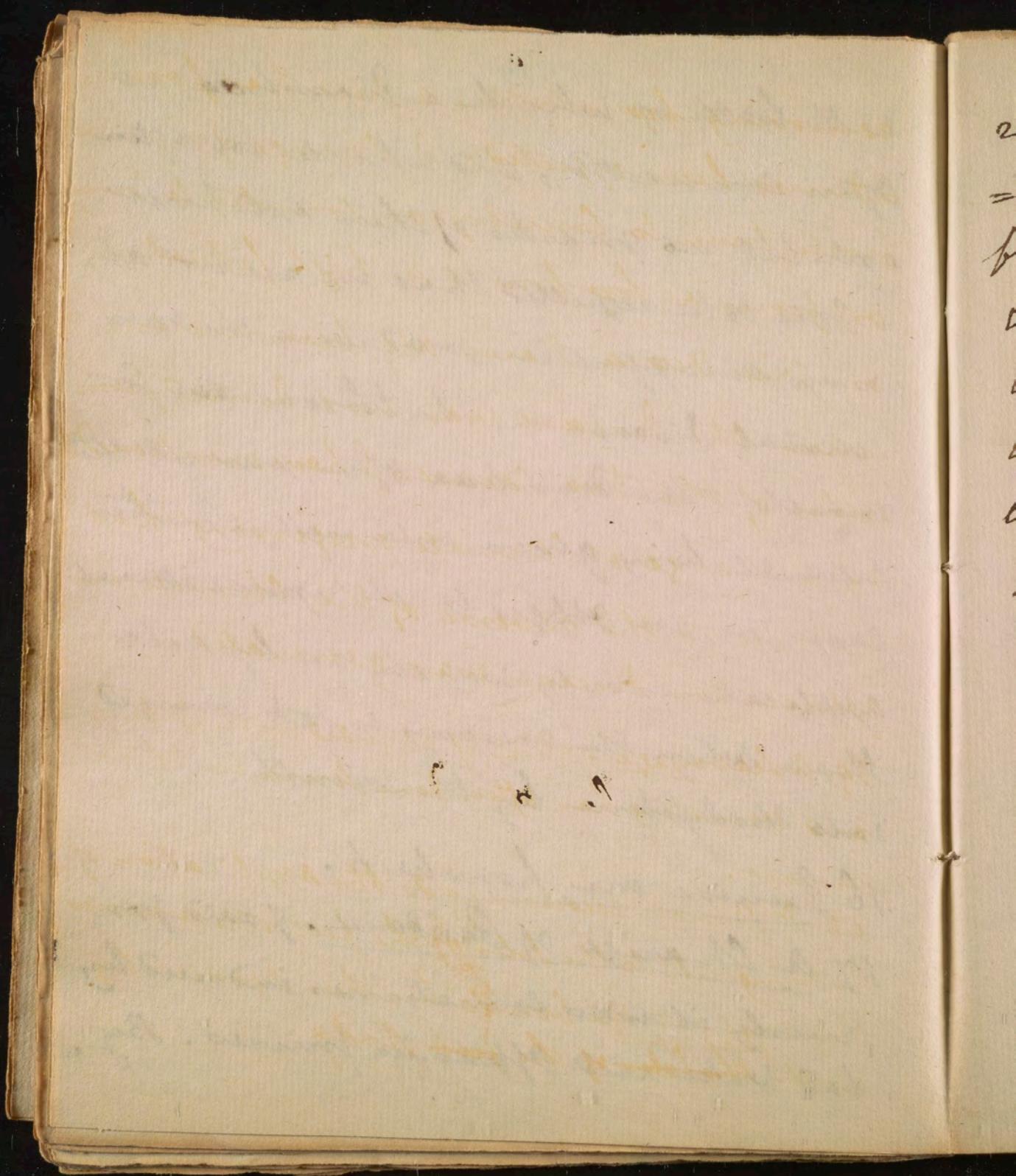


with both of which a ¹⁹ Diarrhea is often connected, and which too often exhibit no marks of their existence.

- It is to be regretted that we are not always successful in producing the morbid disease in the throat and mouth. The diarrhea often prevents the calomel being given internally. In this case we are obliged to rely upon external applications only which are less certain than when the mercury is ~~too~~ conveyed into the system by the mouth.

16 Exercise on horseback.

17 A Change of Residence. I said formerly it was sometimes induced by bad water and offensive privies. By

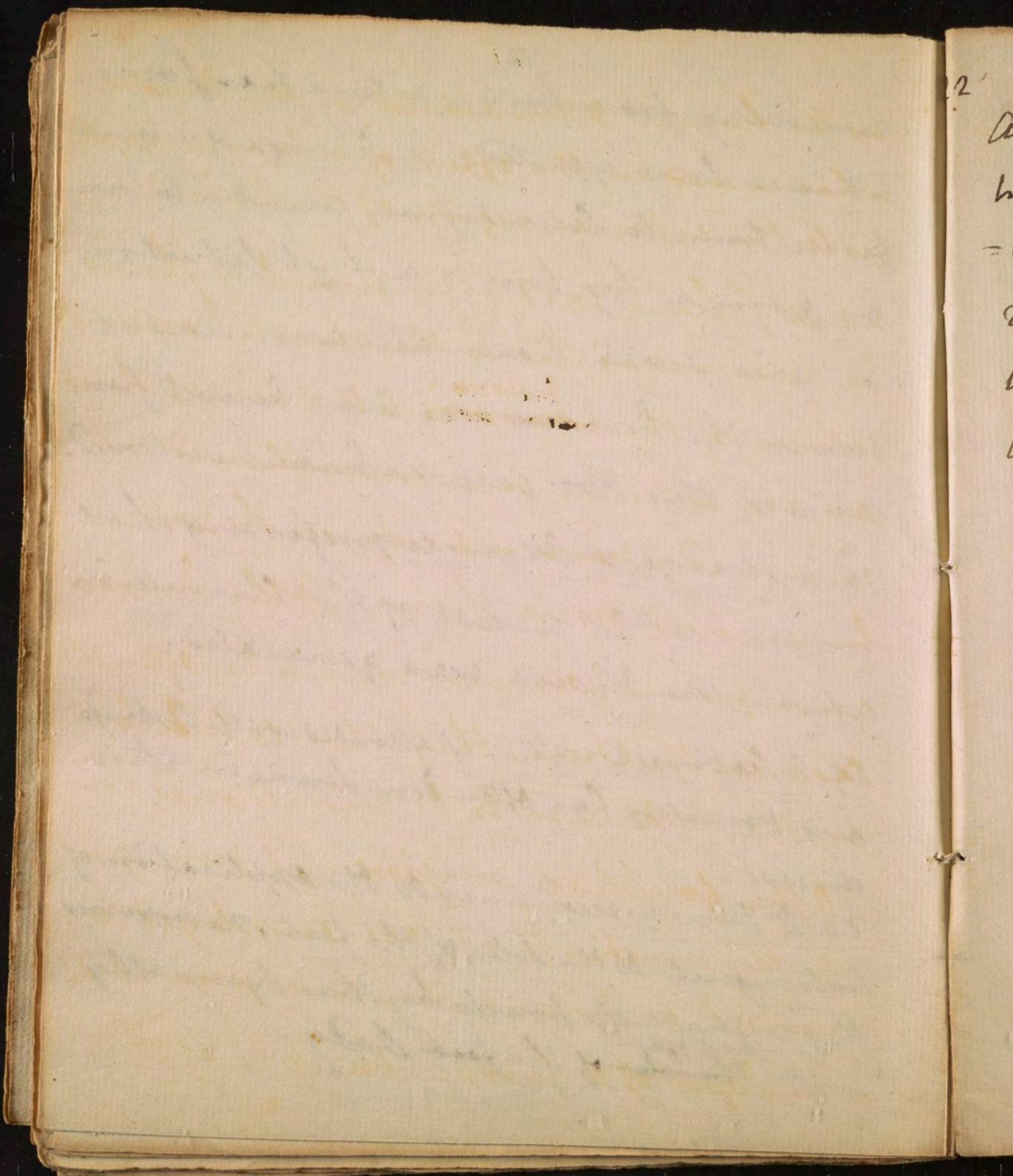


removing from both, a cure has sometimes been effected. A change of residence from town to country or country to town, or from a ~~low~~²⁰ low to a high situation, or vice versa have all been useful where the disease was not derived from either of the two causes I have mentioned.

18. A change of Climate preferring that which is the reverse of the climate in which the disease was generated.

19. A Seavoyage: This, if attended with sickness and vomiting has often done service in this disease.

20. Dr Bouet recommends the application of astringents to the soles of the feet. He supposes they contract the bowels by their sympathy with ~~that part~~ the soles of the feet body.



2¹ As the liver is often affected in this disease, what would be the effect of a caustic applied to the external region of the liver?

21 As I have said our remedies should be accommodated to the cause exciting causes of the ~~tertian~~ ^{disease} All such of them as are within our power should be removed, ~~so far as~~ or the patient be removed from them. If the disease arise from worms, which is often the case in children, they should be destroyed by the medicines to be mentioned hereafter for that purpose. If from, first, all the remedies that are employed to prevent, or cure it should be prescribed. The signs of a favourable issue of this

✓ died of diarrhoea from visceral Ob-
structions, obstructions in the mesentery,
inflammation & ulcers in the intesti-
nes, and lastly no mark of disease
of any kind a remarkable case of
which is related by Dr Lind.

† In this case what would be the
effect of Stimulants applied to the
spine?

diseases are

- 1 when fæces are discharged before wind in going to stool.
- 2 and evacuations ~~are favourable~~ and favourable
- 3 stools becoming compact after being thin are ~~unfavourable~~
- 3 a sore or ulcer in the mouth are always unfavourable. How soon after they take place.
- 4 alimentary is always unfavourable.

It would seem in these cases that the muscular fibres of the intestines become paralytic, ~~and~~ in that respect acquire the properties of the whole body in old age, for what ~~is~~ old age but a universal tendency to palsy? and what is death from old age, but the extinction of life from a complete palsy?

Descriptions of persons who have

